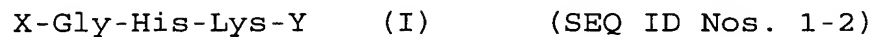


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Claims

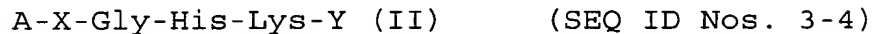
1. The use of a peptide corresponding to general formula (I)

5



or of the conjugate thereof corresponding to general formula (II)

10



in which

A represents the radical corresponding to

15

- a monocarboxylic acid of general formula (III)



in which

R represents a linear or branched $\text{C}_1\text{-C}_{24}$ aliphatic radical optionally substituted with a hydroxyl group, possibly containing one or more unsaturations, advantageously from 1 to 6,

20

- Lipoic acid or its reduced form, dihydrolipoic acid, N-lipoyl-lysine or else retinoic acid,

25 X represents a chain of 1 to 3 Lys residues, that are optionally methylated, or, when the formula is formula (II), a bond,

Y represents an -OH or -NH₂ group,

the amino acids being in D, L or DL form,

30

or else A-X represents a hydrogen atom,

in the form of enantiomers or of diastereoisomers, and also the mixtures thereof, including racemic mixtures,

for preparing a cosmetic or dermatological composition for use in the preventive and curative treatment of alopecia.

5

2. The use as claimed in claim 1, characterized in that the acid of general formula (III) is an omega-3 acid chosen from α -linolenic acid, cervonic acid, timnodonic acid and pinolenic acid or else a C₁-C₂₄ aliphatic radical chosen from acetic acid, myristic acid, palmitic acid, and hydroxydecenoic and decenoic acids, and in particular trans-10-hydroxy- Δ^2 -decenoic acid and trans-oxo-9-decen-2-oic acid, or else an acid chosen from lipoic acid or its reduced form, dihydrolipoic acid, N-lipoyl-lysine or else retinoic acid.

20

3. The use as claimed in claim 1 or 2, characterized in that A is chosen from lipoic acid and acetic acid.

4. The use as claimed in any one of claims 1 to 3, characterized in that the conjugate is chosen from:

- | | | |
|----|---|------------------|
| 1- | A-MeLys-Lys-Lys-Gly-His-Lys-NH ₂ | (SEQ ID No. 5), |
| 25 | 2- A-MeLys-Lys-Gly-His-Lys-NH ₂ | (SEQ ID No. 6), |
| | 3- A-MeLys-Gly-His-Lys-NH ₂ | (SEQ ID No. 7), |
| | 4- A-MeLys-Lys-Lys-Gly-His-Lys-OH | (SEQ-ID No. 8), |
| | 5- A-MeLys-Lys-Gly-His-Lys-OH | (SEQ ID No. 9), |
| | 6- A-MeLys-Gly-His-Lys-OH | (SEQ ID No. 10), |
| 30 | 7- A-Lys-Lys-Gly-His-Lys-NH ₂ | (SEQ ID No. 11), |
| | 8- A-Lys-Gly-His-Lys-NH ₂ | (SEQ ID No. 12), |
| | 9- A-Lys-Lys-Gly-His-Lys-OH | (SEQ ID No. 13), |
| | 10- A-Lys-Gly-His-Lys-OH | (SEQ ID No. 14), |

A being an acid of general formula (III) as defined in any one of claims 1 to 3.

5. The use as claimed in any one of claims 1 to 4,
5 characterized in that the peptide or peptide conjugate is chosen from:

H-Gly-His-Lys-OH,

Lipoyl-Lys-Gly-His-Lys-NH₂,

Ac-Lys-Gly-His-Lys-NH₂.

10

6. The use as claimed in any one of claims 1 to 5,
characterized in that, combined with the peptide or
peptide conjugate, is a compound that improves hair
regrowth, chosen from minoxidil, nicotinic acid esters,
15 anti-inflammatory agents, retinoic acid or derivatives
thereof, retinol or 5 α -reductase inhibitors.

7. The use as claimed in any one of claims 1 to 5,
characterized in that, combined with the peptide or
20 peptide conjugate, is another peptide corresponding to
the formula

W-Lys-Asp-Val-Z (I) (SEQ ID Nos. 15-16)

or the peptide conjugate thereof corresponding to
formula (II)

25 A-W-Lys-Asp-Val-Z (II) (SEQ ID Nos. 17-18)

in which

A has the same definition as that given in any one of
claims 1 to 3,

and W represents

30 Glu-Gln-Arg, Arg-Lys, Arg-Lys-Asp, Arg or a bond,
when Z represents

Tyr-Val-Gln-Leu-Tyr-NH₂, Leu-DOPA, DOPA-NH₂ or

HomoPhe-NH₂,

or else W represents

Gly-Gln-Gln or Glu-Gln,

when Z represents

Tyr-Val-Gln-Leu-Tyr-NH₂, Leu-DOPA, Val-Tyr-OH,

5 Val-Tyr-NH₂, Tyr-NH₂, Tyr-OH, DOPA-NH₂ or HomoPhe-NH₂,

in the form of enantiomers or of diastereoisomers, and
also the mixtures thereof, including racemic mixtures,
and the complexes with zinc which can be formed with
10 these peptides or peptide conjugates.

8. The use as claimed in any one of claims 1 to 7,
characterized in that the cosmetic or dermatological
composition is intended for topical application and in
15 that a UVB-screening agent chosen from p-aminobenzoic
acid or PABA and esters thereof, such as ethylhexyl
dimethylPABA or PEG-25 PABA; cinnamates, such as
ethylhexyl methoxycinnamate, isoamyl p-methoxycinnamate
or octocrylene; salicylates, such as homosalate or
20 ethylhexyl salicylate; benzimidazoles, such as phenyl-
benzimidazolesulfonic acid; benzylidenecamphor
derivatives, such as 4-methylbenzylidenecamphor,
benzylidenecamphor, camphor benzalkonium methosulfate
and polyacrylamidomethylbenzylidenecamphor; and
25 triazines, such as ethylhexyl triazone and diethylhexyl
butamido triazone, is also combined.

9. A method of cosmetic treatment for combating hair
loss, comprising the application to the scalp of a
30 composition comprising a peptide or a peptide conjugate
as described in any one of claims 1 to 5, optionally
combined with a compound that improves hair regrowth as
defined in claims 6 and 7, and with a UVB-screening
agent as defined in claim 8.

10. A food supplement, characterized in that it comprises a peptide or a peptide conjugate as claimed in any one of claims 1 to 5, optionally combined with a compound that improves hair regrowth as defined in
5 claims 6 and 7.

11. A method of cosmetic treatment for combating hair loss, comprising the administration of a food supplement as claimed in claim 10.